

AMENDMENTS TO THE CLAIMS

Claims 1-11 and 13-33 were pending at the time of the Action.

Claims 1-11 and 13-24 remain pending.

1. (Currently amended) A method comprising:

receiving a request ~~from a client device~~, the request comprising a hierarchical identifier;

comparing the hierarchical identifier with at least a portion of a configuration file to identify an appropriate user-mode process of a server device for handling the request; and

providing the request to the identified appropriate user-mode process of the server device.

2. (Previously amended) The method as recited in Claim 1, further comprising:

generating the configuration file via a user-mode administrative process.

1           3.     (Previously amended) The method as recited in Claim 2, wherein  
2 generating the configuration file comprises:

3                 defining one or more logical associations between at least one candidate  
4 hierarchical identifier and at least one candidate user-mode process; and  
5                 maintaining the one or more logical associations in a configuration store.  
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7           4.     (Previously amended) The method as recited in Claim 3, further  
8 comprising:  
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10                maintaining one or more logical rules suitable for use in identifying the  
11 appropriate user-mode process for handling the request.  
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13           5.     (Previously amended) The method as recited in Claim 1, wherein  
14 providing the request to the identified appropriate user-mode process further  
15 comprises:  
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17                providing the request via a non-shared interface associated with the  
18 identified appropriate user-mode process.  
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20           6.     (Previously amended) The method as recited in Claim 1, further  
21 comprising selectively queuing the request prior to providing the request to the  
22 identified most applicable user-mode process.  
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1           7.     (Previously amended) The method as recited in Claim 1, wherein  
2 the request comprises a uniform resource locator (URL).  
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4           8.     (Previously amended) The method as recited in Claim 1, wherein  
5 the appropriate user-mode process includes a user-mode web server process.  
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7           9.     (Previously amended) The method as recited in Claim 1, wherein  
8 the appropriate user-mode process comprises at least one user-mode worker  
9 process.  
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12           10.    (Currently amended) The method as recited in Claim 1, further  
13 comprising:  
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15               receiving the ~~client~~-request using a kernel-mode communication protocol  
16 process; and  
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18               providing the request to a kernel-mode process.  
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20           11.    (Previously amended) The method as recited in Claim 10, wherein  
21 the kernel-mode communication protocol process comprises a kernel-mode  
22 TCP/IP process.  
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12. (Canceled)

13. (Previously amended) A computer-readable medium having computer-executable instructions for performing steps comprising:

causing a kernel-mode process in a server device to compare a hierarchical identifier associated with a client device generated request with at least a portion of a configuration file to identify a most applicable user-mode process for handling the client device generated request within the server device; and

causing the kernel-mode process to provide the client device generated request to the identified most applicable user-mode process.

14. (Original) The computer-readable medium as recited in Claim 13, having further computer-executable instructions for performing steps comprising:

causing a user-mode administrative process to generate the configuration file.

15. (Original) The computer-readable medium as recited in Claim 14, wherein causing the user-mode administrative process to generate the configuration file, further includes:

1 providing a configuration store suitable for access by the user-mode  
2 administrative process, wherein the configuration store defines one or more logical  
3 associations between at least one candidate hierarchical identifier and at least one  
4 candidate user-mode process.  
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6 16. (Previously amended) The computer-readable medium as recited in  
7 Claim 15, wherein the configuration store further includes one or more logical  
8 rules suitable for use by the kernel-mode process in identifying the most  
9 applicable user-mode process for handling the client device generated request  
10 within the server device.  
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13 17. (Previously amended) The computer-readable medium as recited in  
14 Claim 13, wherein causing the kernel-mode process to provide the client device  
15 generated request to the identified most applicable user-mode process further  
16 includes:  
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18 providing a non-shared interface between the kernel-mode process and the  
19 identified most applicable user-mode process, such that the client device generated  
20 request can be provided to the identified most applicable user-mode process via  
21 the non-shared interface.  
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1 18. (Previously amended) The computer-readable medium as recited in  
2 Claim 13, wherein causing the kernel-mode process to provide the client device  
3 generated request to the identified most applicable user-mode process further  
4 includes:

5 selectively queuing the client device generated request prior to providing  
6 the request to the identified most applicable user-mode process.  
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8 19. (Original) The computer-readable medium as recited in Claim 13,  
9 wherein the hierarchical identifier includes a uniform resource locator (URL).  
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11 20. (Original) The computer-readable medium as recited in Claim 13,  
12 wherein the most applicable user-mode process includes a user-mode web server  
13 process.  
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15 21. (Original) The computer-readable medium as recited in Claim 13,  
16 wherein the most applicable user-mode process includes at least one user-mode  
17 worker process.  
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1           22.   (Previously amended) The computer-readable medium as recited in  
2 Claim 13, having further computer-executable instructions for performing steps  
3 comprising:

4           receiving the client device generated request using a kernel-mode  
5 communication protocol process; and

6           providing the client device generated request to the kernel-mode process.  
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8           23.   (Original) The computer-readable medium as recited in Claim 22,  
9 wherein the kernel-mode communication protocol process includes a kernel-mode  
10 TCP/IP process.  
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12           24.   (Previously amended) The computer-readable medium as recited in  
13 Claim 13, having further computer-executable instructions for performing steps  
14 comprising:  
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16           causing the identified most applicable user-mode process to handle the  
17 client device generated request.  
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20           Claims 25 - 33.       (Canceled)  
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